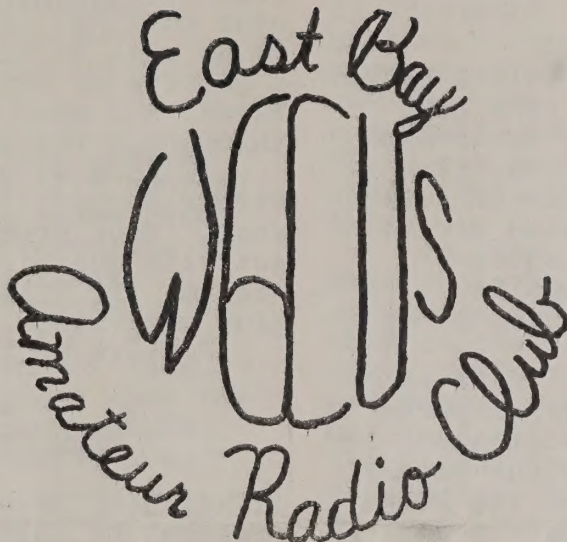


Jan 79

THE



FUSE

BLOWN

EAST BAY AMATEUR RADIO CLUB
c/o Steve Dodge, K6ZR
5601 Doremus Ave.
Richmond, CA 94805

The EAST BAY AMATEUR RADIO CLUB
meets the Second Friday of each
month at the National Guard Arm-
oury, 624 Carlson Blvd., Rich-
mond, at 7:30 p.m.

1979 OFFICERS:

PRESIDENT:	STEVE DODGE,	K6ZR	233-5833
1st VICE:	CHRIS BALDO,	AI6S	653-1650
2nd VICE:	JOE LEE,	WB6DOB	758-0729
3rd VICE:	MICKEY KHALER,	WD6FYF	
SECRETARY:	MURIEL HUNTER,	WB6FRP	
TREASURER:	PETER ANNAS,		527-5804
EDITOR:	JONATHAN HYMER,	WB6FJC	935-5640

CONTRIBUTIONS!!! CONTRIBUTIONS!!!

If you have anything to share with the other members,
send in your contributions to 179 Kendall Rd., Walnut
Creek, 94595, or phone 935-5640 after 3. Deadline is
the last Friday of the month. Be hearing from you!!!

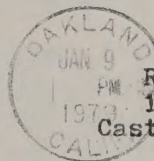
Jonathan D. Hymer, WB6FJC
East Bay Amateur Radio Club
179 Kendall Road
Walnut Creek, CA 94595

FIRST CLASS MAIL

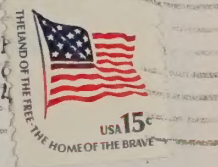
AMERICAN RADIO RELAY LEAGUE, INC.
225 Main St.
Newington, CT 06111

PACIFIC DIVISION DIRECTOR
William J. Stevens, W6ZM
2074 Foxworthy Ave.
San Jose, CA 95124
408-371-3819

VICE DIRECTOR
Robert C. Smithwick, W6JZU
516 Remington Drive
Sunnyvale, CA 94087
415-736-4366



EAST BAY SCM
Robert Vallio, W6H
18655 Sheffield Rd
Castro Valley, CA 94546
415-537-6704



12.31.78
POOL, MORRIE W6CJI

7315 EUREKA
EL CERRITO, CA 94530

PRESIDENT'S MESSAGE:

New Year's GREETINGS to all EBARC members and friends. May 1979 be a year of great enjoyment of our common hobby, Amateur Radio, for you. In addition to the personal fun of just plain "hamming," may you also derive some genuine pleasure and satisfaction from some bit of public service communications you can participate in.

This phase of amateur radio is increasingly becoming of top importance to the survival and continued happy operation on the amateur bands. Else where in this issue of the Blown Fuse we are running a feature report on the subject of legal aspects and community action by amateurs. This is clearly the most effective way to combat restrictive ordinances. Very restrictive ordinances have been proposed in some communities, which would bar ANY external antennas, even as much as ONE FOOT above a roof-top! Clearly if this became wide-spread ham radio would suffer a great loss. It might survive with eve-line antennas, in-the-attic types, or low slung long wires, but it would suffer mightily if we lost the right to have roof-top, pole-mounted Vees, or other vertical types as well as beams.

We cannot all individually appear and follow the court cases. Organization and informed action is the answer. That is why your EBARC maintains a membership in the Personal Communications Foundation, and so a small part of your dues is helping in this regard.

But personal activity on the air of public service nature is important, but to do the most good these activities need to be brought into the files of common knowledge for the PCF, ARRL, etc. Keep us posted on ANY ACTIVITY of yours which can be concerned as emergency or Public Service nature.

Since our club station call, W6CUS, is currently listed at my address--the club address as shown in the masthead of the Blown Fuse, a note to me, or to the club secretary (at same address) will get us on the phone back to you for details.

You need not write up a detailed report to start the information process rolling. A phone call or note to us will do that. Help us build up a reserve of POSITIVE IMAGE data in the files, and good PR by press releases throughout the year.

I know we can count on you for strong support for an outstanding club year. Your prompt return of the activity questionnaire will be appreciated. It will help us in planning club activities.

--Steve Dodge, K6ZR, President

FIELD TRIP SUGGESTIONS

It has been proposed that the club's programs be augmented by selected field trips to activities of communications or electronics interest. These might in some cases be incorporated with the regular meeting. Or special trips on other days and at daytime hours could be considered. We welcome your expression by returning the questionnaire below.

FIELD TRIP IDEA IS FAVORED YES NO

WHEN POSSIBLE ON MEETING YES NO
NIGHT?

DAYTIME? YES NO

TIME PREFERRED SAT SUN WEEKDAY

PLACES: RADIO BROADCAST STATION

Transmitter/ Antenna Site	YES	NO
Studio	YES	NO

TELEVISION STATION

Trans./Ant. Site	YES	NO
Studio	YES	NO

COAST GUARD RADAR CENTER YES NO

(Treasure Island)

FED. AVIATION RADAR CENTER YES NO

(Fremont)

ELECTRONICS MUSEUM YES NO

(Foothill Coll. Los Altos)

COAST GUARD or PHONE CO. YES NO

TRANSMITTER CENTER

(They are adjacent in Pt.

Reyes)

WOULD YOU LIKE A SHORT TECHNICAL HAM

LEVEL TALK AT EACH REGULAR MEETING

FOR ABOUT 10-15 MINUTES? YES NO

(We would also appreciate your suggestions for field trips and for meeting topics. Please put these on separate sheets of paper and enclose with this.)

THE PUBLIC RELATIONS APPROACH TO DEALING WITH LOCAL ANTI-ANTENNA ORDINANCES

By Carl Markov, K6RLP
Attorney at Law

It appears from various sources that anti-antenna (restrictive zoning) ordinances are becoming a widespread approach used by local governments to do away with antenna structures. Such ordinances are particularly effective because they make it a misdemeanor to be in violation of them. This discussion will be based upon the case history of Paul Maurer, WA6ASE, who resides in an incorporated area known as California City, located approximately 100 miles northwest of Los Angeles and about 75 miles south-east of Bakersfield, California.

California City was designed to be a retirement community. As an inducement to potential residents, areas of the community were designated as underground utility fed locations. At the present time, there are three such areas in California City.

The following is an excerpt from the California City Municipal Code which presented a major problem to local hams and CBers.

Section 9-2.305, subsection E:

No external antenna of any kind shall be attached so as to extend above the top of the roof line of any building within an underground utility district or in any residential subdivision within the City served by underground utilities, except for buildings occupied by public safety employees of the City.

For the purposes of this section, "external antenna" shall mean and include a transmitting and/or receiving antenna used for either radio or television transmission or reception, except that such terms shall not include an installation used by a utility for furnishing communication services.

In 1972, pursuant to this ordinance, there was a permanent injunction issued against another amateur, Marvin Sass, W6DSL in the Superior Court of Bakersfield enjoining him from putting up any antenna whatsoever. He had erected an antenna 30 feet above the

roof line in an underground fed utility district in which he lived. Sass did not attack the ordinance based upon any constitutional grounds and the case was submitted to the court on a summary judgement. Sass lost and there was no further appeal of the case. This was the situation in June, 1976.

In June, 1976 it was decided that California City should enforce all ordinances on the books merely because they existed. As a result, action was taken against Paul Maurer by the city engineer attempting to force the removal of his antenna. The 30 foot vertical antenna had been gracefully designed in the fashion of a flagpole so that it would not be aesthetically offensive. The city ordinance did exempt flagpoles from any restraint.

It should be remembered that the sad part about this type of ordinance is that it can be criminally enforced in that it is a misdemeanor to be in violation of such an ordinance.

The city engineer went even further in addressing the situation of the flagpole by saying that if a transmitter is hooked up to the flagpole, the amateur would be in violation whether it is flying a flag or not. This of course was an obstinate approach taken by the city to try to enforce their position. Many letters were written by the city engineer to Paul Maurer concerning this ordinance, the last one becoming quite threatening in reference to this point.

The citizens band community of California City, learning of this antenna situation and the effect that it might have on them, came in force to a city council meeting and succeeded in getting the city council to review this ordinance. The city council then decided to rewrite the ordinance, giving citizens band operators certain privileges on antenna height above the roof line of the houses in underground fed utility areas, but making no provision for amateur radio operators.

It is obvious that this was a totally discriminatory type of ordinance. The city attorney advised the council that this would not be a valid reconstruction of the ordinance, and stated that the ordinance would be enforced across the board regardless of any particular group consid-

eration. It can be seen that it is important for hams and CBers to work together closely in these situations.

In getting down to the public relations aspect, the author became involved at Paul Maurer's request and subsequently addressed the city council on his behalf. In this manner a brief history of amateur radio and its goals, purposes, and services was given. When it really came down to basic issues, other than constitutional issues which were brought forth, what seemed to impress the city council most was the fact that amateur radio operators and CBers have contributed greatly to public service during emergency and disaster conditions.

The author then suggested that a public poll be taken in the areas affected by the ordinance to see how many people really objected to personal communicators erecting antennas. The city council allowed two weeks for a poll to be conducted, during which time full disclosure was ordered by the council through the newspaper media so that everyone affected by the ordinance would be aware of the poll and its purpose.

The result of the poll was that 87% of the population in the affected areas did not object to antennas being erected in their neighborhood.

In light of the landslide 87% result in favor of antennas, the California City council repealed the old ordinance.

In summary, most city councils, no matter which way they want to vote, will be afraid to take any position to repeal an ordinance unless they have some sort of mandate which will allow them to gracefully change their position.

Thus, an antenna ordinance of this type in order to be successfully attacked should be handled as follows:

1. An attack should be made in the early stage before an ordinance is formulated and adopted by a local government.
2. If an ordinance has already been adopted, communicators should propose a resolution to the city council amending or repealing the ordinance. Once this has been done, a show of force by personal communicators in the neighborhood should be made by a mass turnout at the hearing on the proposal.

3. Testimony should be given at the hearing regarding value of the amateur and CB radio to the community. Perhaps a representative from the Red Cross, Civil Defense or Eye Bank could make a short presentation. Also consider having the parent of a person who got into electrical engineering as a result of their hobby tell about how radio kept their child off the streets, etc.

4. Polls of residents in affected areas should be taken. The persons taking the poll should definitely be neutral in the matter. They should not be personal communicators or ordinance proponents. The poll should then be monitored so that it is conducted and presented impartially to the public. The poll data should be broken down into three areas, namely amateur antennas, CB antennas, and television antennas.

5. Local newspapers should publish unbiased stories covering the problem at hand with an announcement that a poll will be conducted, including a complete description of the issues. The fact that amateur and CB radio does contribute to public service should be heavily stressed in these news articles so that the public will be seen by the poll takers will have some information to go on in stating their opinion.

6. Publicity is definitely a must. If necessary, paid advertisements should be taken out in the local newspapers stating the position of the amateur and CB radio operators including public services they are performing so that the public will be aware of the services they might lose by discouraging amateur and CB activities.

The main point to be stressed is that a good public relations program with the community can affect the outcome where a restrictive antenna ordinance is proposed.

Usually, the problem arises when there is an alienation between the community and the personal communicators which causes a complete breakdown in good relations to occur. Thus legal action may become a necessity.

In writing this article, the author would hope that by a public relations effort future antenna ordinances restricting size, height, length, and thickness would no longer be the popular road for local governments to take in order to hinder operations of personal communicators.

MEETING MINUTES:DECEMBER 8, 1978

Lyman Wiltshire, WB6SMY, called the meeting to order at 7:50. The treasurer reported that the current balance is \$727.77.

ANNOUNCEMENT--On December 18 Ham Radio Outlet (in Burlingame) will open a branch HRO in Oakland, 2811 Telegraph Avenue (previously location of M-TRON.)

There followed the drawing of numbers for prizes, most of which were donated by Yoshi Nakamura WB6QKS, although Chris Baldo donated the etcher. The winners, in order of the drawings, were: Tony Hirth WB6QGS, Dennis Lee WA6QKT, Leo Lewis WA6ZFY, Bill McCarty WD6ETV, Don Waites WD6DLR, Mickey Khaler WD6FYF, Dorothy Calhoun, Joe Lee WB6DOB, Don Dunn, K6BJJ, and F.T. Taylor WA6VBV.

Because this was the Christmas Party for the Club, Santa Claus (alias Lyman) distributed the gifts brought by the members, and we enjoyed the refreshments provided.

The chief business of the meeting was the installation of the new officers. Glen Carlson W6KVD, Electronics Department, Contra Costa College, performed the function ably. The officers are: Peter Annas, Treasurer; Muriel Hunter, FRP, Secretary; Joe Lee WB6DOB, third Vice President; Mickey Khaler WD6FYF, Second Vice President; Chris Baldo AI6S, first Vice President; Steve Dodge K6ZR, President.

Glen Carlson invited anyone who wish to use the facilities at the College to make arrangements with him; they must provide their own supplies. He stated that there is a ham radio station at the College - WB6YNV.

President Steve Dodge announced the appointment to the Board of Directors of: Grant Calhoun N6XP, Don Dunn K6BJJ, David Russell WD6FWI, Carl Clark WA6KTL, Ivan Sturman, WB6PIV.

The meeting was adjourned at 9:50.
---Muriel Hunter, WD6FRP, Secretary

- o o o -

GUEST SPEAKER:

The January meeting will be held at the National Guard Armoury. The Guest Speaker will be Mr. Jim Cullen, who operates a local electronics manufacturing company. Mr. Cullen will speak on recent developments in electronics that affect hams.

THE BASE STATION, INC.

2101 Pacheco St.

Concord, CA 94520

685-7388

Atlas RX 110 Rcvr 80-10 Reg. 229 Sale 199.95

Atlas 210 X/NB 80-10 Xcvr. 810. 729.00

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Alda 103 80-20 Xcvr 495 445.50

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With free matching keyer 989.95

Ten Tec 252M power supply 119.00

Yaesu FT227R 2 mtr Xcvr 389.95 349.95

Yaesu FT101E Xcvr w/processor 799.00

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AEA Auto Dialer 129.95 99.95

CES TTP mic w/Auto PTT 49.95

Dentron MT2500 Linear 895 799.95

Dentron Cliperton L 2kw Linear 534.00

Dentron 3000A 3kw Deluxe Tuner 295.95

Dentron 2000A 3kw Tuner 199.50 179.95

Dentron Jr. Monitor Tuner 79.50

Dentron W2 wattmeter 99.50

Dentron All-Band Doublet antenna 24.50

Hy-Gain Th6DXX 6EL Tri Gander 199.95

Hy-Gain 14 AVQ 40-10 Vertical 67.00

TPL702 10-20 in 50-90 out 2m amp 149.95

TPL702B 15 in 60-80 out 2m amp 179.00

NPC 103R 4 amp reg. supply 40.00 29.95

NPC 108R 12 amp reg supply 90.00 66.00

NPC 109R 25 amp reg supply 150 125.00

1979 U.S. callbooks 15.95

1979 DX Callbooks 14.95

1979 ARRL Handbooks 9.75

KE 80-40 Dipole Kit 25.90

KE 80-40 Trap Dipole Kit 39.95

Baluns FROM 12.95

100' Copper Wire 5.95

ALSO AVAILABLE:

Larsen 2 m antennas and mounts

Hustler 2 m antennas and mounts

Hustler low band mobile antennas

Kenwood MC 50 Dual Z Desk Mic 45.00

USED GEAR

Drake T4C w/spkr.-supply MINT 525.00

Swan 700 Cx w/spkr.-supply 489.00

Curtis Ek-39 keyer 59.95

KLM 10 in 40 out 2 m linear 49.95

Standard SRC146 2m HT w/ all acces. 199.95

THE BASE STATION, INC.

2101 Pacheco St.

Concord, CA 94520

685-7388

NOTES FROM PERSONAL COMMUNICATIONS
FOUNDATION NEWSLETTER:

John Schroeder, N6QQ was recently convicted on two counts of violating a local municipal ordinance limiting antenna height. Schroeder was fined \$250 on each count and placed on three years summary probation. The conviction is now being appealed to the Superior Court.

On September 27, 1978, Roy Campbell, KADD 1777 whose handle Mach V was sentenced to a fifteen day jail term for interfering with his neighbors; televisions and stereos. Roy was taken into custody immediately upon sentencing and has since served his term in jail.

Alonzo Tooson, III was more fortunate. He, too, had a criminal complaint filed against him for creating a public nuisance as a result of TVI/RFI problems. However, Alonzo was represented by Joseph Merdler, Esq., one of the Trustees of the Foundation. Mr. Merdler was successful in having the case against Alonzo dismissed based upon the fact that the local courts have no jurisdiction over radio frequency interference phenomena.

The differing result in two virtually identical cases points up two important items. One is that not all courts currently recognize the statement set forth by the California Appellate Court in City of Cerritos v. Schroeder to the effect that there is no jurisdiction for these type of cases. The other is that it is important to have an attorney representing you if you have similar problems, as the lay person often does not know the proper way to present the issues involved to the court.

- o o o o -

WANTED TO BUY:

Yaesu FL-110 100 watt amplifier. Please call Bert Salisbury, WB6DWV, at (707)-644-0221.

FOR SALE: HW-22A 40 meter SSB Xcvr with HP23A p.s. Excellent Condition \$100, Jonathan Hymer, 935-5640.

CLUB NOTES:

Congratulations to DAVID RUSSELL and EDITH BALDO. David went to get his General on Wednesday, January 3, and passed. (His call is WD6FWI) Edith went to get her Extra and whizzed right through the tests. She has requested a new call sign, but it has not come yet.

An ARRL Emergency Coordinator is needed for the Western part of Contra Costa County. This is a job that requires someone with time to talk with police and fire departments, etc., to arrange emergency communications plans for West Contra Costa County. The ARRL will reimburse for travel expenses incurred in this job. If you are interested, contact Bob Vallio, East Bay SCM, at 537-6704.

Inflation is driving up the cost of everything, including raffle and door prizes. An appeal is being made to members for "junk-box" donations that can be used as raffle prizes. We will try to get as many donations as we can right away, and we will draw from our "fund" of prize items as we need them. If you have any thing that you would be willing to give as a prize item, please bring it to the next meeting.

IMPORTANT NOTE REGARDING DUES!

Most memberships have come up for renewal, effective December 31, 1978 (Please check your address label; your expiration date is shown on it). If you have not already done so, please renew your membership at the next meeting. Dues are \$8; \$4 for those under 18. Also remember that ARRL QST subscriptions can be renewed through the club, and the club gets a rebate from ARRL for all subscriptions and memberships renewed in this manner.

There is still a paper strike, and white bond paper is still in very short supply; therefore, I will have to use whatever I can get until the strike is over. You can expect some oddly colored papers for a while!

NOTE THAT ALL MEETINGS START AT 7:30!!!!

Feb 79

THE

East Bay
WB6FJC
Amateur Radio Club

FUSE

BLOWN

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c/o Steve Dodge, K6ZR
5601 Doremus Ave.
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CONTRIBUTIONS!!! CONTRIBUTIONS!!!

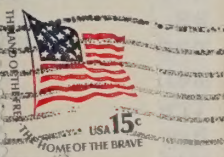
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Robert C. Smithwick, W6JZU
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Sunnyvale, CA 94087
415-736-4366

OAKLAND
FEB 1979
EAST BAY 86M
Robert Vallio, W6E
18655 Sheffield Rd.
Castro Valley, CA 94546
415-537-6204



Jonathan D. Hymer, WB6FJC
East Bay Amateur Radio Club
179 Kendall Road
Walnut Creek, CA 94595

FIRST CLASS MAIL

12.31.78
POOL, MORRIE W6CJI

7315 EUREKA
EL CERRITO, CA 94530

SIMULATED EMERGENCY TEST - SUCCESS!

The sun was bright, the air was chill and crisp, as seventeen "rarin'-to-go" communicators assembled at El Cerrito Plaza to conduct the January, 1979, SET.

Eight teams of two or more were formed up and moved out to make contacts in the six nearby cities with Police and Fire Department officials.

Main communications were on 146.52 simplex, but team #7, Larry Moore, WA6LMB, was only HF equipped. However, effective cross-band relay was accomplished through Frank Taylor, WA6VBV.

Incidentally, Frank had to be the busiest member of the group since he was covering both VHF and HF, plus recording everything on his reel-to-reel recorder, plus having the furnace man drop in at a critical moment and having to deal with him!

Sid Lagorio, WA6JGZ, and Les Bodin, W6JKY, hot-footed to high ground in Kensington to function very effectively as Net Control. They made initial contact with Kensington Fire and Police officials, and from a nearby site fired up the portable generator (Wards 1800-watter) and operated the rest of the exercise on portable 110 power, and functioned as Team #1.

Team #2, Jim Hudon, WB6NTH, and Grant Calhoun, N6XP, with Morrie Pool, W6CJI, made for Brookside Hospital in San Pablo, the District Hospital of West Contra Costa with extensive emergency facilities. Grant, knowing his way around that institution well as he is their attorney, quickly made contact with the emergency department, and they handled exchange traffic with team #8, Clyde "Brownie" Brown, WA6PKF, and Dick Gleason, WA6HYS, who took station at Herrick Memorial Hospital in Berkeley, making contact with the staff there.

Team #3, Ted Culliver, WA6CRG, and Jonathan Hymer (Editor), WB6FJC, took station at the Berkeley Fire Department, later moving to the Berkeley Police Department, making official contact at the Police Department and handling traffic from the police to neighboring city police.

The Berkeley Police, it seems, were having a rash of stolen Dodge Darts, including a 1966 model of unknown color, as well as a Honda motorcycle. Descriptions and license information was effectively transmitted to the nearby city departments. This incredible situation drew the response, "who in the world would steal a '66 Dart!" Gordon Parsons and visitor Kick Murray accompanied Ted & Jonathan, and their extra hands were appreciated.

Team #4, Lew Lewellen, WA6JSO, and Bill Davis, KA6DFY, moved out to Richmond, covering first the Police at Civic Center, then moving on to the fire station at 12th & Cutting, since due to the Saturday date the Senior Battalion Chief on Duty was at that station. Contact was made and traffic and reports efficiently handled.

Team #5 was a one-man operation, with Jim Gale, WA6FDX, moving down to Albany and covering both Police and Fire officials there. Being alone he had to shut down both the Atlas and the two-meter rig while going into their offices, but contact was good and traffic successfully handled. On HF (Approx. 7265), Jim had contact with Frank Taylor and Larry Moore, WA6LMB, and with Carl Clark, WA6KTL, operating from home in Albany on HF only.

Team #6 consisted of Steve Dodge, K6ZR, and Perry Brissette, WB6ZWT. Perry has visited our club meetings several times and has handled the net on 21.365 for some time. They took station at El Cerrito and contacted both Police and Fire officials, handling traffic to them. From that location simplex contact was good to all teams except team #8 at Herrick Hospital, which was about 80%. After official traffic was concluded, they moved about three blocks west of San Pablo Avenue to a small rise picking up about 100 feet of elevation, and then had Q5 copy with Brownie at Herrick.

Team #7 was one man and a very small boy, Larry Moore, WA6LMB, and son. Larry was HF equipped only so traffic to Net Control was relayed mostly through WA6VBV, but contact was also made through WA6FDX and WA6KTL. We didn't hear Junior Op at

MEETING MINUTES: JANUARY 12, 1979

Steve Dodge, K6ZR, President, called the meeting to order at 8:45. He reported that an emergency coordinator is still needed for West Contra Costa. Because it is somewhat time-consuming, probably someone retired or semi-retired would best be able to handle it. He asked the members to give some thought to the possibility of applying. Authorized travel expense can be reimbursed.

Steve also announced that Radio Shack in Richmond is closing out that store and is selling everything for 50% off.

Guests were introduced: Richard Murray, Larry Drouin, W6HUO, Phil Pritchett, N6ATS.

The speaker of the evening was then introduced: James Cullen, of the Lawrence Berkeley Laboratory. He designs and builds printed circuit boards, and he described the process, as well as circulating some among the audience. The members were quite interested and asked questions. (The subject was completely over the head of the Secretary, so I am unable to give any details.) Mr. Cullen and his wife stayed for refreshments.

After the break, Steve reconvened the meeting. He announced that the expiration date for 1979 dues is January 31. He also reported that the FCC is recommending to WARC that cw not be required for operator licenses.

Classes are tentatively scheduled to begin the first week in February, on Tuesday nights, for Novice Class. The course will run 10 weeks. Steve asked for volunteers to take some of the classes; Jonathan Hymer, WB6FJC, volunteered to take two nights, and Mickey Khaler, WD6FYF, will take two, also.

Lyman Wiltshire, WB6SMY, won the on-time prize.

Raffle winners were: Carl Clark, WA6KTL, Richard Murray, David Russell, WD6FWJ, Grant Calhoun, N6XP, and Muriel Hunter, WD6FRP.

Personals: Grant Calhoun wore the ARRL lapel pin which he received when he was first licensed in 1922. He let his license lapse, then passed the Novice exam again last year, and, after considerable delay, was able to get his old call sign again.

Both Jim, WA6FDX, and Ilene, WA6IBT, Gale have been having medical problems, Jim, an industrial injury, and Ilene, trouble with her hip.

Lyman, WB6SMY, and Mrs. Wiltshire have moved to their new home. The address is:

1000 Adobe Canyon Road
Kenwood, CA 95452
Phone: 707-833-2010

Peter Annas gave the treasurer's report: checking account, balance \$580.66; savings, \$346.51, with an additional \$72 received at the meeting for dues, and \$20 for raffle tickets.

One of the guests suggested that the Blown Fuse be sent to guests to encourage them to consider becoming members.

The meeting was adjourned at 9:55.
--Muriel Hunter, WD6FRP, Sec't'y

SIMULATED EMERGENCY TEST (CONTINUED):

the mike, but guess he covered off for Larry while he made official contacts with the departments.

Team #8 consisted of Brownie, WA6PKF, and visitor friend Dick Gleason, WA6HYS. They did a yeoman job at Herrick Hospital, and also moved down to Red Cross HQ in Berkeley, but found the big door locked. They even tried the Red Cross emergency phone, but the operator was not able to "raise" anyone at the Allston Way HQ. We would like to have handled some traffic for Red Cross to show our capability.

Carl Clark, WA6KTL, functioned very effectively from his base station helping to make the HF activities complete.

Joe Lee, WB6DOB, had a change of plans and had to leave the home QTH and only had his handie-talkie, and batteries a bit low. However, he successfully monitored much of our operation as he drove to Oakland and back, and dropped in to see Carl Clark IN PERSON.

The only participant that we could not contact was Bert Salisbury, WB6DWV, at Vallejo, and it seems the old ground wave wouldn't quite carry on 7265 or 21.365. Both
(continued next page)

frequencies were pretty busy so QRM precluded QSO. But thanks Bert for making the try and I'm sure if we had another band going, maybe 80 or 160 we could have made it to your QTH.

We received one ARES message from outside our club area from N6XN, Napa, via relay through WR6AFV and WB6UZX.

The scoring plan awards points for Number of licensed operators in the test, number of ARES registered ops in the test, number of messages by ARES/RACES personnel sent to SEC/RO, number of messages originated during test sent to friends, number of self-powered mobile or base stations (5X multiplier), and number of agencies (governmental - hospitals, etc.) contacted -- with 5X multiplier, number of communities in which agencies were contacted (10X multiplier), along with points for press releases, and performance quality, (objectives, etc.)

The number of communities we reached (6 cities) and agencies (14-- P&F in each city plus two hospitals) will help our score.

We were doubtless weakest in traffic originations. We handled mostly inter-agency traffic, but should have had much more "personal" traffic.

Clearly we need more members to be ARES registered, and club records to show this important fact.

We will not know for some time what press coverage we get, but we hope that our releases, coupled with announcement of upcoming classes will add to our score points. This will appear in a later Blown Fuse issue.

A big help in a future test would be more handie-talkies so that when team personnel go into the City Hall or into a hospital they can be in instant touch with the car team out in the parking lot.

Several of the participants were able to reconvene at El Cerrito Plaza's doughnut shop and post-mortem the test. All agreed that it was a successful test--and how can you lose? You either meet an objective or find the weak points in the plan.

But for sure it was a FUN EVENT. Plan to be with us for the fall test in October.

---Steve Dodge, K6ZR, President.

DUES ARE NOW DUE! DUES ARE NOW DUE!

It is most fitting that this year sees an early emphasis on preparedness training, both on the national scene by means of our club's local effort in the SET--Simulated Emergency Test--held Saturday, Jan. 27, Seventeen participants assembled at El Cerrito Plaza at 10:00 A.M., and four others operated from home stations. Of the total twenty-one, four were visitors, and their help and interest is appreciated.

Eight mobile teams formed up and fanned out to the eight cities, Berkeley, Albany, Kensington, El Cerrito, Richmond, and San Pablo. Contact was made with both Police and Fire officials in all cities (except Berkeley.) Teams also were dispatched to Brookside Hospital, and Herrick Memorial Hospital, making contact with officials on duty there.

Traffic was exchanged between the two hospitals, and from Berkeley Police to all other police departments.

All mobile teams, save one operated on 146.52 simplex, with direct contact good except between the two hospitals, due to distance, but traffic was successfully relayed through net control. More details appear elsewhere. But the main objectives of proving, and improving, capability, and of generating Public Relations contacts in the six communities was achieved.

All teams were very well received by the Police and Fire Department personnel, and requests have already been received to make further contact in the interest of becoming known and listed in community disaster planning by appropriate authorities.

In view of the pressing need that the Amateur Community become increasingly involved in public service activities, which is the proved way to acquire community support, and to avoid community opposition, this exercise must be "tabbed" a first class, success experience. I greatly appreciated the time, effort, and cost contribution of all those who participated. Besides, we had fun. We look forward to the next one, and will be planning ways to make it even more effective.

--Steve Dodge, K6ZR, President

*****THE BASE STATION*****

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AMATEUR
RADIO
HEADQUARTERS

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*SALE 349.95

YAESU FT 101 EX MULTI-BAND XCVR
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NEXT MEETING:

For the February meeting,
Charles Breeding, K6UWR, Section
Emergency Coordinator for the ARRL
will speak on emergency preparedness.
A very timely subject, just after
SET and before Field Day, and at a
time when all hams are thinking very
much about emergency preparedness
and public service--two of the best
ways to prove our worth and to
strengthen our position at WARC '79!
The program promises to be very
interesting, so come and give it a
listen!

The March meeting will feature
Mr. Vernon Hansen, the Western
States Director of MARS (Military
Amateur Radio Service). He will be
here to talk all about this vital
service!

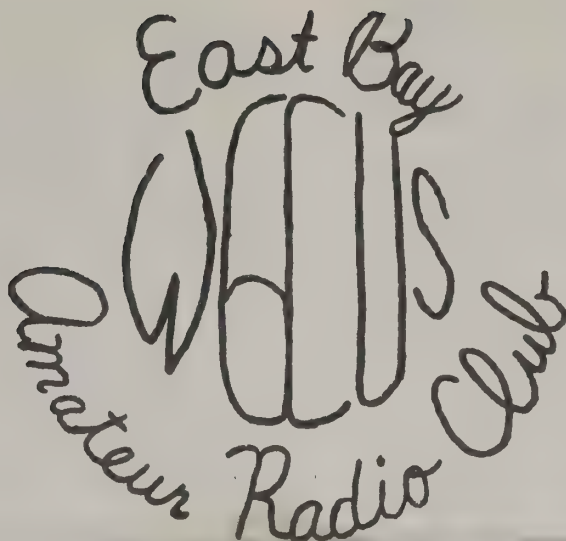
REMEMBER, ALL MEETINGS BEGIN
PROMPTLY AT 7:30 WITH THE SPEAKER'S
PRESENTATION FIRST.

DUES ARE NOW DUE!

This issue of the Blown Fuse is
going out to all members, including
those whose memberships have expired
on December 31, 1978. To remain on
the roster that will be published
soon, please be sure that you pay
either at the next meeting, or if
you cannot attend the next meeting,
by mailing your check to our treas-
urer, Peter Annas, at 715 Coventry
Road, Kensington, 94709. Your
expiration date is on the mailing
label. If you paid at the last meeting
please disregard this; the dates
on the labels have not been changed
yet.

New Advanced Class exams are
being used by all FCC Field Offices,
according to Commission sources. New
Extra Class exams are supposed to be
in use by the time you read this.
Implementation of the new General
Technician class exams has hit a snag,
FCC will not predict when these tests
will be in use. New versions of
Novice Class exams have replaced
exams previously used.

THE



FUSE

BLOWN

EAST BAY AMATEUR RADIO CLUB
c/o Steve Dodge, K6ZR
5601 Doremus Ave.
Richmond, CA 94805

MAY 1979

The EAST BAY AMATEUR RADIO CLUB
meets the Second Friday of each
month at the National Guard Arm-
oury, 624 Carlson Blvd., Rich-
mond, at 7:30 p.m.

1979 OFFICERS:

PRESIDENT:	STEVE DODGE,	K6ZR	233-5833
1st VICE:	CHRIS BALDO,	AI6S	653-1650
2nd VICE:	JOE LEE,	WB6DOB	758-0729
3rd VICE:	MICKEY KHALER,	WD6FYF	
SECRETARY:	MURIEL HUNTER,	WD6FRP	
TREASURER:	PETER ANNAS,		527-5804
EDITOR:	JONATHAN HYMER,	WB6FJC	935-5640

AMERICAN RADIO RELAY LEAGUE, INC.
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2074 Foxworthy Ave.
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408-371-3819

Return Address — STEVE DODGE

5601 DOREMUS AVE.
RICHMOND, CALIF.

94805



POOL, Morris W6CJI
7315 Eureka St.
El Cerrito, Ca. 94530

MEETING MINUTES: APRIL 13, 1979

The meeting was called to order by Steve Dodge, K6ZR, President, at 7:45. Guests were introduced: Greg Triplott, WA6HNA, Debbie Francis, Della Wiegand, Larry Drouin, WA6UHO, Anke Ente, Helmi Waits, Michael Hunter; and the speakers, David Crocker and Tom Schmid.

Peter Annas, treasurer, reported a total balance of \$1091.16, of which \$320 is in the checking account. Last month he received \$38 in dues, and more are still being received.

PROGRAM--David Crocker, electrical engineer for Standard Oil, and Tom Schmid, presented a most interesting account of the Chevron operation in Sudan, illustrated by numerous slides.

The capital of Sudan is Khartoum, and the main Sudan office of Standard Oil is here, located in the same neighborhood as the foreign embassies. When Dave Crocker was there in May and June, the weather was very hot - around 120°F. - but dry. Much of northern and central Sudan is flat and either desert or bush. The principal products are cotton, sorghum and gum arabic.

Standard has two drilling sites, one in the north central part, the other near Bentu in the southwest. Radio communication is maintained between the headquarters and the sites, and for the personnel, on frequencies assigned by the Sudanese government. There are two repeaters (although one is out of order at present). Walkie-talkies are also often used.

Khartoum is at the junction of the White Nile and the Blue Nile. The population is chiefly Muslim. The village of Bentu, by contrast, is peopled by black natives, who live in thatched huts, and raise cattle. Bentu was not so hot as Khartoum, and the terrain is more bushy. Standard Oil has to have a generator to produce power for air conditioning, refrigeration, as well as radio equipment.

Drilling has been made to 15,000 feet, but no oil has yet been found. Because oil is in Chad, Sudan's neighbor to the west, the theory is that it may also be under Sudan.

All in all, the slides and Dave Crocker's comments made for an unusually interesting program.

CLUB BUSINESS-- Prizes:
On-time, Jonathan Hymer, WB6FJC.
Raffle: Hugh Lewellen, WA6JSO, Dave Crocker, Bert Salisbury, WB6DWV, Bill McCarty, WD6ETU.

Announcements: Flea Market April 22, by Grizzly Peak Club, at Eagles Hall, Carlson and Central, El Cerrito. Lyman Wiltshire, WB6SMY announced a picnic at Spring Lake Park, Santa Rosa, also on April 22.

Don Waits, WD6DLR, described the 2-meter quad he has built and answered questions from the membership.

Ivan Sturman spoke on the hysterical reaction concerning the nuclear reactor accident and explained facts about radiation. Steve Dodge recommended that ARRL and Personal Communications Foundation be urged to develop factual information for public distribution on radiation.

Meeting adjourned at 10:15.
---Muriel Hunter, WD6FRP, Secretary

- o o 0 0 o o -

NEXT MEETING:

For our May meeting, Mr. Charles Woodson, W6NEY, University of Calif. professor will speak on a new method of CW transmission. This new method applies digital techniques to CW transmissions and gives 20-30 dB over methods, which gives a bandwidth of nine cycles at 12 W.P.M., and allows one to transmit DX with milliwatts. Here is something to challenge all of us, so be sure to come.

NEW MEMBERS:

We would like to take this opportunity to welcome the following as new members in the East Bay Amateur Radio Club:

Curtis Church, W6STC	Lloyd D. Colvin
215 Fairmont	W6KG
Vallejo, CA	Iris A. Colvin
	W6QL
Dr. Clyde Wiegand,	5200 Panama Ave.
W6CGD	Richmond, CA
9964 Margarido Drive	
Oakland, CA 94618	

FOR SALE--Hallicrafters SX-99 Rcvr.
ANL, BFO, CW Filter, Bandspeed,
Antenna Trimmer, Call Bob at:
878-5082

PRESIDENT'S MESSAGE

Radio Amateurs who have been watching the scene for years, or a few decades, are well aware that the hobby, and the 'structure' of amateur radio is indeed a dynamic, ever-changing things. The 'rules'— those laws and regulations from the FCC, are under constant need and pressure for change, and rightly so, to assure that the Amateur Radio Service continues to function in a manner to best accommodate the interests of the greatest number and at the same time to meet the nation's need for a back-up source of partially trained operators and technicians available to fill a vital need in time of emergency.

The number of amateurs continues to increase with an 8% over-all increase this past year as cited elsewhere in this issue of the Blown Fuse.

Over the years the 'equipment picture' has made a major flip-flop from the days when, if you wanted a transmitter you had to build it yourself, since none were available on the market, to the scene today when 'home-brew' gear is becoming the smaller and smaller minority in the ham shack.

And today we have two whole worlds of hobby radio with CB in the picture, and its numbers greatly exceeding those of the longer established, traditional 'Amateur Radio' hobbyists. And these have been worlds divided, by regulations, by interests, attitudes, and purposes.

One may argue loud and long as to whether this came about because of the regulations or in spite of regulations, and it is not our intent to either join the argument or try to resolve the issue, but to note how important it is for an interest group to take the time to carefully appraise 'where it is, and where it is going' and this applies both to the rules and regs structure and to the organization structure of Amateur Radio. In this country this has been principally centered in the ARRL organization. The need for reappraisal of our hobby, and its prospective future is recognized by the ARRL Board, which has wisely appointed a Long Range Planning Committee to lead just such a program of appraisal.

In the past you may have thought that the hobby structure was taken care of, sort of automatically, and that you as an individual really had no 'say' in what went on, or that there was no way your voice could be heard or counted.

NOT SO! First in order of importance is that you should support the local Amateur Radio CLUB, so that collective opinion can be marshalled and passed 'up the line' to the League and to the FCC on the considerable number of occasions when opinion is sought preparatory to rule making and policy decision making.

Just such an occasion now presents itself. The ARRL new Long Range Planning Committee at its first meeting established a philosophy that a subject as complex and far-reaching as the future of Amateur Radio and the ARRL cannot be thoroughly appraised without the input of many different people—ARRL members or not. Consequently the LRPC is very interested in what YOU have to say, and has called for comments from all interested amateurs.

Now is the time to put your thoughts on paper and get them to this important committee, so that the future of Amateur Radio will have had the benefit of your input and your ideas.

Address your comments to:

Vic Clark, W4KFC, Chrmn. LRPC
12927 Popes Head Road, Clifton, Va. 22024

Other committee members are:

W6EJJ	Jay Holladay	W4RA	Larry Price
W6ZH	Pete Hoover	W3JPT	Chas Dorian
K2GL	Buzz Reeves	W1RU	Dick Baldwin
W2HD	Harry Dannels	Ex Officio	member.

AMATEUR RADIO GROWS - 8% during 1978

Latest figures. (end of '78)

Total U.S. Amateurs '78 356,336
('77 328,648

Novices	62,856
Techs	68,738
Generals	118,808
Advanced	82,436
Extras	22,498

HRR

Steve Dodge K6ZR

NOVICE LICENSES CONTINUE 5 YEAR RENEWABLE

FCC's reaffirmation of this license time base came in connection with its denial of Michael Ash's request that the rule establishing the five year time period be shelved. HRR

OPERATING ABUSES

Foreign-licensed U.S. citizens operating from ship-board, particularly in the Caribbean, are causing concern in the Latin-American Amateur community. A net that meets daily on 7268KHz from 11-13 Z. VP5SI (an American with a salvage tug business) is causing much of the concern. Non-amateur yachtsmen are counseled on how and where to get a 'quickie' license so they can join the group, whose operations seem to include a lot of business-type conversations and phone patches.

Though much of this activity is not only inappropriate to the Amateur bands, only the governments of the offending licensees can do much about it. U.S. Amateurs should be doubly cautious about the kind of traffic they accept from foreign-licensed maritime mobiles. HRR

MEASUREMENT OF CB ELECTRO-MAGNETIC FIELDS.

'Measurement of RF fields in close proximity to CB antennas' is the title of an HEW booklet (24 pages) available from the Gov't Printing Office, Washington, DC, and it is authored by Paul S. Ruggera. Order by Stock No. 017-015-00155-5. (Price not quoted but sure to be cheap for 24 pages-Ed.)

SELF-SUPPORTING TOWER

The Hy-Gain (HG-52) antenna tower has been announced as an all-steel, crank-up, rated for 9 sq.ft. wind load at winds up to 50 MPH. Similar 37' and 68' models are also in the line. HRR

HAITI RECIPROCAL AGREEMENT.

The long-awaited reciprocal agreement with Haiti was signed Apr. 2 by HAITI.—awaits U. S. State Dept. action, due soon.

VOLCANO ERUPTION GETS SPEEDY ACTION FOR EMERGENCY PLANS

The recent eruption on St. Vincent's Island (Caribbean) made 15,000 homeless, but it also shook loose some fast action by FCC and State Dept. An OKay for third party traffic was cleared by FCC in 1- $\frac{1}{2}$ HOURS !!!! It can be done. ! Coast-Guard cutters and planes used 40 meters under emergency approval. HRR

Volcano (cont'd)

Amateur radio bridged the gap, and was the mainstay of communications, emergency and personal, for several days.

OSCAR AND RS INFO PACKAGE

A new package of Oscar and RS materials is now available from ARRL or AMSAT. Included is a copy of 'Getting to Know OSCAR.' locator, overlays, maps, and other valuable information. The price is \$4.75.

MOD 'J' NEWSLETTER - FREE SAMPLE

The Mode 'J' Newsletter is now available from W9MXC with SASE and 28¢ postage. HRR

DATA 'DX' — A 'FIRST'.

An amateur /first/ was believed accomplished on April 7, and 14, when data from computer was transmitted over 2000 miles in an SSTV format on 10 and 15 meters. Over 50 pages were sent from Denver, Colo., to Marblehead, Mass., by W0LMD and N0AB to K1WPS and W1VRK. SSTV parameters allowed data bits to be within the narrow band limits prescribed by FCC.

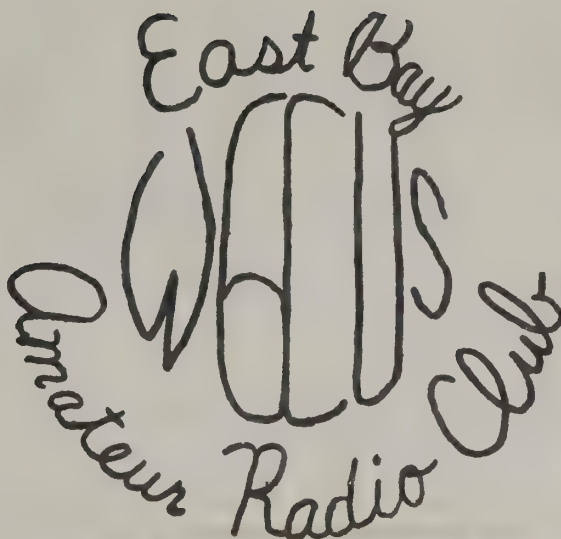
Input was from a Digital Group computer to the mike jack of an SSB transmitter and output was from the receiver speaker output directly to the computer. The system had been checked on shorter distances on 40 meters and withstood fading very well. HRR

CB 27 MHz EXPANSION PROPOSAL THREAT TO 10 MTR

The recent 27 MHz proposal in both versions, the CB Magazine proposal and the Washington State CB Radio Assn., proposal for a new hobby-class /Amateur/ band allocation below 28 MHz are receiving very heavy, positive response, almost entirely from Cbers and CB organizations. Almost without exception the comments endorse the merits of more flexible, higher power, longer range communications, and often cite a basic, no-code Amateur license as part of the package.

The number of respondents, and their enthusiasm seem to have caught the attention of the commission. Japan's experience, where a very elementary entry license has spawned an amateur population about twice that of the US, and that of Russia are drawing close study by the commission. Comments on dockets RM-3299 must go to CB magazine, and on RM-3317 to the Washington State CB Radio Assn. Box 293, Mount Lake Ter. Wn. 98043. HRR

THE



FUSE

BLOWN

JULY 1979

EAST BAY AMATEUR RADIO CLUB
c/o Steve Dodge, K6ZR
5601 Doremus Ave.
Richmond, CA 94805

The EAST BAY AMATEUR RADIO CLUB
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2nd VICE:	JOE LEE,	WB6DOB	758-0729
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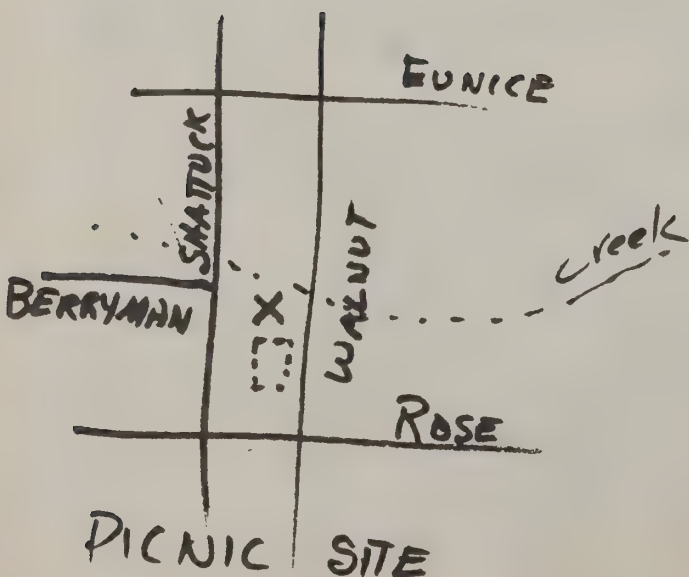
PRESIDENT'S MESSAGE

We may all take heart in learning that the OREGON (Senate bill 423), which was aimed at banning radio transmissions in residential areas has been tabled and killed in the Oregon Senate. Thanks to HRR for this good news. The brief news item did not give any particulars of the actions which brought about this favorable result.

However, it would be a mistake to think that this is necessarily the end to the threat to Ham Radio (and to many other useful technologies.) We must be ever on guard since this threatening move could pop up again at any time in any place. We must keep an eye on the results of the FCC Notice of Inquiry, General Docket 79-144, which will bring on a study of possible health hazards if any, from RF radiation. FCC notes that although health and safety standards are the responsibilities of other government agencies, that it (FCC) "would have to consider radiation exposure standards adopted by other agencies in its licensing activities". In short, instead of being able to feel a bit protected by an understanding FCC, we must now look out for possible damaging "regulations" from any number of bureaucratic bodies.

Certainly this is a time for Amateur interests to make a strong, independent move in a positive direction in order to be at least up with the opposition, and hopefully a jump ahead.

STEVE DODGE
K6ZR



FIELD DAY

We can surely put this one down in the book as another very successful Field Day. The weather was about as perfect as could be hoped for, and our contest results were much improved over last year—about 2500 points compared to about 800 last year.

With this short issue of the Blown Fuse, due to the vacation absence of our regular editor, Jonathan Hymer, we will not include the details of the results, but will talk them over at the picnic, Sat. July 14, at Live Oak Park, Area #2, so be sure to come.

In all we had about 25 in attendance, with twenty licensed hams logged in. Most got a turn at operating, and more could have.

Our thanks to Paul Zeppa and his two teammates from Richmond Radio Club, Alan Wilson, W6OEI, and Perry Brissette, WB6ZWT. We are glad to have Paul Zeppa WA6VJH as a member of EBARC, as are other members of Richmond RC, as are Chas Henry, W6EJA, and Frank Taylor, WA6VBV. RRC members are always welcome to our meetings, and we specifically invite them to join us at our two Picnics, the one this Saturday, July 14, and the one on Aug. 11 both at Live Oak Park, Berkeley. Pot Luck.

Special thanks to Les Bodin for having the generator in faultless running condition. It ran like a champ and carried everything fine. Thanks much to Lew Lewellen for his great help in trucking club gear from Albany CD building not to forget his long run out to Les Bodin's to get (and later return) the generator. My personal great thanks to him for the rescue operation towing me home from 35th Ave. after my truck blew up!—threw a fan blade and tore a hole in the radiator!

Now was that a nice thing for my dependable old '42 GMC (with about 250,000 miles on it) to do on field day?

SEE YOU AT THE PICNIC July 14, about 11:00 AM — LIVE OAK PARK, Berkeley.

At Shattuck & Berryman. See map.

Bring your mobiles
etc-

THE



FUSE

BLOWN

EAST BAY AMATEUR RADIO CLUB
c/o Steve Dodge, K6ZR
5601 Doremus Ave.
Richmond, CA 94805

AUG. 3, 1979

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PRESIDENT'S MESSAGE

The July picnic was an enjoyable get-together for those who attended. Unfortunately a number of our members were away or otherwise occupied, but those who made it enjoyed a most pleasant, sunny afternoon.

Do try to make the August picnic and join the gab-fest. It will be in the same park, Live Oak Park on upper Shattuck Avenue in Berkeley. Consult last month's Blown Fuse for the sketch map. However, we will be in a different site,--down in the little canyon area where we were a year ago--that's just downstream from where we were in July. Bring your handytalkie and a few sandwiches or what you like. Of course, if you're a real gourmet cook like Dave Russell, and if Murial brings her little propane mountain-pack-in cooker, you can cook up a super steak!

I am delighted to announce that after many delays due to the change of personnel at the Salvation Army in Richmond, we can now officially announce that our September meeting will be held there.

The September Blown Fuse will carry a sketch map of how to get there, but for those of you who are in the area and might like to drive by, it's easy to find. It's on the corner of Rheem Ave. and 36th St., in Richmond. This corner is a very short block (just a few buildings in fact) west of San Pablo Avenue, on Rheem which runs to San Pablo Avenue, but does not cross it. It's close to the K-Mart, and just south of the San Pablo Dam Road intersection.

We think this will be a fine meeting place, pleasant, carpeted room that will easily seat a hundred or more.

We have had preliminary discussions about installing some emergency radio gear on a more or less permanent basis. The Salvation Army is much interested in emergency preparedness, and the new Captain in charge, Capt. Smith, has had prior experience with amateur communications in emergencies in southern California earthquake relief, etc., and has expressed keen, personal interest in this endeavor.

Your Board of Directors has held off on the membership drive due to our lack of firm meeting place, but hopefully this will be resolved by September and the membership drive effort can get underway.

This will be extremely important because when a club or any other organization ceases to continually bring in new members it soon dies. There are hundreds of hams in the six or seven cities closest to us and with a bit of effort from every member we should have a membership comparable to that of Mt. Diablo R.C. which has a membership of some 300 plus and average attendance of a hundred or so. We can do it too!

See you at the picnic!

Steve Dodge, K6ZR

SEPTEMBER MEETING.

The September meeting will be held at the Richmond Headquarters of the Salvation Army, corner of Rheem Ave and 36th Street, a very short block west of San Pablo Ave. The September Blown Fuse will carry a map.

Our speaker will be Bill Stevens, W6ZM, ARRL Director for the Pacific Division, and hopefully Bob Smithwick, W6JZU. ARRL Vice Direct Pac. Division will also be there. They always have a lot of info of great interest to all hams so be sure and plan to attend the September meeting and enjoy our new meeting place.

HR REPORT EXTRACTS.

First 432 MHz Hawaii to Mainland US contact made July 17 when KH6HME worked W6NMT t 0517Z SS8. Three more stations were worked during next hour, W6YDF, W6ESQ and W6WLR/ Signals were generally well above noise level.

KH6HME's beacon was actually heard much earlier in the evening, but it took some time to alert Paul for him to arrive at the station site 8200 feet up on Mauna Loa. His beacon was heard from Southern Calif. to north of San Francisco.

MORE MRR REPORT EXTRACTS

ARRL Directors tackled tough agenda when they met at Baton Rouge last week. A plan of action submitted by the new Long Range Planning Committee was presented. The board voted to have some pro-amateur Radio amendments added to the pending re-write of the Communications Act, to set up a special ARRL committee on public concerns about biological effects of RF radiation, to establish a Public Relations Advisory Committee, and to file comments on the proposed new 900 MHz personal radio service with the suggestion that a new amateur band be included in the same general portion of the spectrum.

Expertise in Biological Effects of RF is being sought for a new ad hoc committee which will help prepare League comments on the FCC Notice of Inquiry (Docket 79-1440 and later provide on-going advice in this increasingly sensitive area.

Qualified amateur interested in serving on this committee, or having any pertinent information to contribute, should contact League President, W2BD at ARRL HQ.

SECRECY

The secrecy provisions of Section 605 of the Communications Act apply to Amateur transmissions "except when such transmissions are intended for the general public", the Commissioners have decided. The potentially far reaching decision denied a Freedom of Information Act request for FCC's Jonestown tapes by a write who is doing a book on the People's Temple.

HIRAM PERCY MAXIM, W1AW, was elected as the sole charter member to the ARRL's new Hall of Fame at last week's directors meeting. Nominations for next year's Hall of Fame selections are open through Dec. 31. Rules for making the nominations will appear later this fall in QST, but are unchanged from those found on page 24 of Sept. '78 QST.

British CB, should it come to pass at all, will not be on 27 MHz, according to parliament member Patrick Wall. Wall, chairman of that assembly's CB Committee, emphasized that any legal CB in the British Isles will be carefully designed so that it does not interfere with model aircraft, television, or Amateur Radio frequencies. Illegal CB is an on-going problem in Britain. (YEA, YEA,* Long live the Queen, and Hail to MP, Patrick Wall.--Ed note)

HEATH to be SOLD to Zenith Radio - Chicago for a reported \$64.5 million \$. Zenith, whose last venture in Amateur Radio was with SSB pioneer Central Electronics in the '50s, has been seeking an acquisition that would decrease its dependence on the volatile TV market. Heath's present owner, Schlumberger, is a French based conglomerate that acquired Heath in 1962.

FLAG CONTEST

ARRL's Flag Design contest was won by N4RX. It'll appear in an early issue of QST.

NEW ANTENNA

A new 2-meter base station antenna called the 'iso-pole' has been announced by Amateur Electronics Applications Co., a Seattle based maker of the 'autodialer'. The 10 foot high omni-directional antenna shows less than 10% reflected power from 142-150 MHz, and will list for \$49.95.

TEN GHZ

Six (6) states on 10 GHz is W2NSD's new record from New Hampshire's Mt. Monadnock. Wayne worked W1KPS/1 on July 8 to finish off his last New England State on 3CM.

FCC Comment Letters--Caution

Amateurs are cautioned never to include questions on other matters when writing letters of comment to FCC on any Docket. Comments are logged and filed with other dockets on specific matters, and non-pertinent inclusions in such correspondence could very well be 'buried' for weeks or even months before that docket is brought up. (This is good practice generally, 'single subject to one letter'--Ed.Note.)

DON'T MISS IT!

PENINSULA'S LARGEST ELECTRONIC FLEA MARKET

* WHEN: SATURDAY, SEPTEMBER 8, 1978, 8:00 AM.

* WHERE: FOOTHILL COLLEGE ELECTRONICS MUSEUM
PARKING LOT "T"
HIGHWAY 280 AT EL MONTE
LOS ALTOS HILLS, CA

* WHAT: ELECTRONICS FOR HAMS, CB'ERS, COMPUTER, North
HOUSEHOLDERS, AND OTHERS

* COST: SELLERS - \$5.00/SPACE;
BUYERS - FREE



THIS ANNUAL EVENT IS SPONSORED BY:

FOOTHILLS AMATEUR RADIO SOCIETY

2 Meter Call In Freq.
146.52

THE

East Bay WBIS Amateur Radio Club BLOWN

FUSE

EAST BAY AMATEUR RADIO CLUB
c/o Steve Dodge, K6ZR
5601 Doremus Ave.
Richmond, CA 94805

SEPT.
1979

The EAST BAY AMATEUR RADIO CLUB
meets the Second Friday of each
month at the National Guard Arm-
oury, 624 Carlson Blvd., Rich-
mond, at 7:30 p.m.

79 OFFICERS:

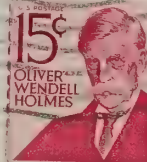
PRESIDENT:	STEVE DODGE,	K6ZR	233-5833
1st VICE:	CHRIS BALDO,	AI6S	653-1650
2nd VICE:	JOE LEE,	WB6DOB	758-0729
3rd VICE:	MICKEY KHALER,	WD6FYF	
SECRETARY:	MURIEL HUNTER,	WD6FRP	
TREASURER:	PETER ANNAS,	527-5804	
EDITOR:	JONATHAN HYMER,	WB6FJC	935-5640

AMERICAN RADIO RELAY LEAGUE, INC.
225 Main St.
Newington, CT 06111

PACIFIC DIVISION DIRECTOR
William J. Stevens, W6ZM
2074 Foxworthy Ave.
San Jose, CA 95124
408-371-3819

SECTION COMM. MGR. (SCM-E.B.Sec.)
Chuck Breeding K6UWR 792-7803
3130 Raleigh Ct. Fremont, Ca. 94536

EAST BAY AMATEUR RADIO CLUB
c/o STEVE DODGE, TRUSTEE
5601 DOREMUS AVE.
RICHMOND, CALIF. 94805



POOL, Morrie W6CJI
7315 Eureka St.
El Cerrito, Ca. 94530

NET NEWS

SIRAC-CW:Fri.,8:15AM,3770KHz.
SSB:Fri.,10AM,3925KHz. FM:
Thrus.,10:30AM,over WR6BBO,
146.25in,146.85out. AM mode
net:Tues.,10AM,145.8MHz.
CW:Slow Speed(8WPM) Thrus.,
9:30AM, 3725KHz.

SCARA-Novice Net Wed. evenings,
on 28,120KHz@ 7:30PM. Mon. @
1930 local, over W6UU,146.385out
146.985in. Wed. @1930 local on
28.62MHz.

NORTH CA. NET-Daily @ 7PM & 8:30PM
on 3630 KHz. Slow speed net starts
at 2030 local, same freq. Plus daily
over WR6ADC(144.81/145.41) phone or
tone CW. Region 6 day net daily on
7275 @ 11AM and 12:30PM.

CW net-Wed. 8PM on 146.49 simplex.

PIONEER RC-Tues. @ 7:30PM over
443.10/448.10 MHz.

W6ZRJ ARRL BULLETINS-First and third
Tues. each month. 7:00PM,CW, on
3590 KHz; 7:30PM,SSB,3810KHz;8:00PM
RTTY on 3615KHz.

W6ZF NAPA CW BULLETINS-First and
third Mon. of each month at 8 PM
on 3540KHz.

MDARC-"PARKY NET"-nightly @ 9PM
on 3895KHz.

FDT TELEPHONERS-Daily @ 12:00
noon except Tues., 7240 KHz,
Pioneer Radio Club net.

NET NEWS

CODE COURSE-Coming in Sept., Oct., Nov
from K6RAU (FRED). Mon thru. Fri. At
6:30 to 7:30aM local on 3780+ KHz LSB.
Course runs 20 days and starts the 1st
Monday of months above.

MISSION TRAIL-Nightly, 7PM, on 3928KHz

GOLDEN BEAR-Nightly,0300UTC,3975KHz.

DAILY CW CODE PRACTICE-9AM to 9PM, on
7043KHz,by WA6HTM (VANCE). Speeds are
variable from 1 to 30 WPM at 10 min.
intervals. At 1 WPM letters are sent
twice. Text comes from the BIBLE and
is very well sent.

W6QIE CODE PRACTICE-Tu thru Su 8PM
3590 KHz & 146.58 MHz: 5 to 30 WPM,
10 min ea. Bulletins Mo. at 8PM 146.58
MHz, 170 shift, 60 WPM RTTY.

SPECS NET-Mon. 8PM over WR6AIS 144.3,
145.23 MHz,NC is W6ASH.

PAARA NET:Mo 8:15 PM 145.24MHz AM,8:30
PM 147.45 MHz FM(not sure AM is still
on). Alt. Sa 9AM 14.24 or 21.39 MHz.

EMARC NET: Tu 8PM 147.45 MHz informal.

SFRC NET: We 8PM 146.49 MHz,Mo 8PM
21.4 MHz.

ARES TRAFFIC-Dy 5:15 PM 3993.5KHz.

WEIRDO NET:Dy 11PM WR6ACI 146.19/.79MHz

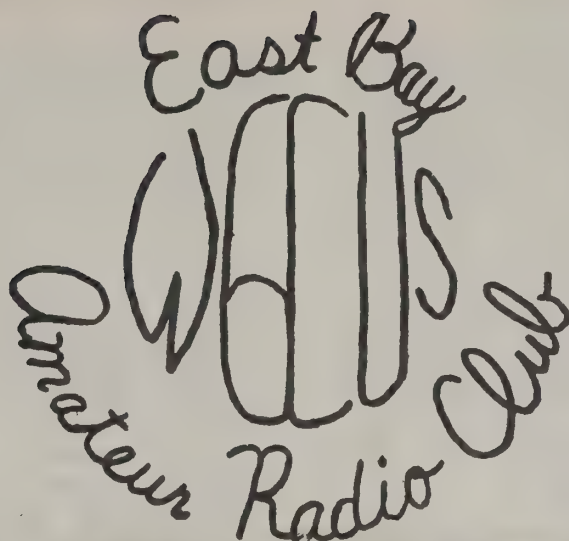
LOCAL YOKEL NET:Mo 9PM 14.30MHz.

CW NET: We 7:30PM 3550 KHz.

CA. NOVICE NET: Sa 9:30 AM 3730KHz. NC
WA6YWS,traffic net.

KNIGHTS OF THE MEGACYCLES: Su 7AM WR6A
Bible study/prayer net.

THE



FUSE

BLOWN

EAST BAY AMATEUR RADIO CLUB
c/o Steve Dodge, K6ZR
5601 Doremus Ave.
Richmond, CA 94805

October 1979

The EAST BAY AMATEUR RADIO CLUB
meets the Second Friday of each
month at the Richmond Center of
the Salvation Army, Corner of
Rheem Blvd. & 36th St., Richmond,
-just off San Pablo Ave.

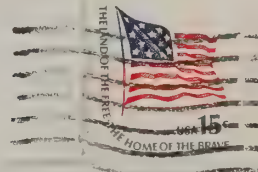
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MEETING PLACE _ FRI. OCT. 12

PRESIDENT'S MESSAGE

Again we look forward to enjoying our new meeting place at the Salvation Army Center in Richmond. The quarters were excellent and next time, with the vacuum cleaner, the clean-up will be easier! For new readers, the map below will show the way.

It was good to have so many visitors to hear our Pacific Division Director, Bill Stevens, W6ZM, and Vice-director, W6JZU Robt. 'Smitty' Smithwick, both of whom gave fine talks. The guests who signed cards were:

Ed Arnold	K6AGD	
M. K. Brock	K6ZJL	
Ayce Ginocchio	AK6Q	
Walt Halsey	WB6MFE-VR3AO	Nowmember.
Mary C. Jones	WB6UVC	
Jeffery Parker	KA6BRB	
Geo. Rodriguez	WB6NAH	
John Secundari	K6TW	
Dick Secundari	K6TR	
Ole Sommer	GZ6OS/W6	
Charley Sparks	WA6GPT	
Roy Umbraco	W6EYC	
Frank Williams	WB6EMF	
Eric Young	W6DFU	
Ken Snell	K6KQH	Now member.

NEW MEMBERS. Special welcome to the above two visitors who joined then and there.

Welcome aboard as new members.

AND welcome to the other visitors.

Back again and make this your CLUB headquarters, !!!

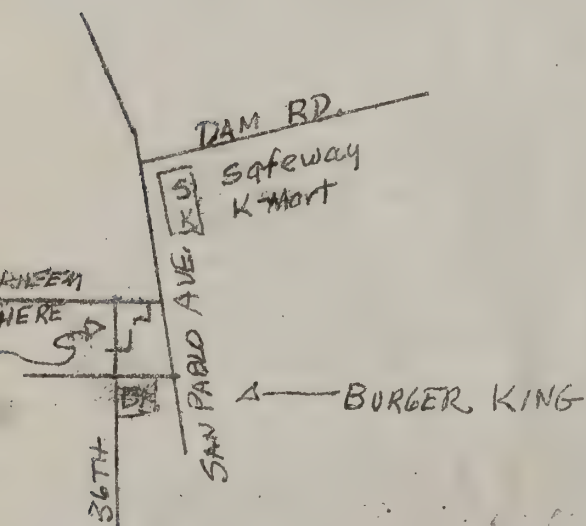
Say, isn't it great to feel that our club now has a very comfortable and attractive meeting place! It should be conducive to increased attendance, so now is the time to take one of those invitation cards and deliver it personally with a hearty welcome bid to that ham nearby that you don't see regularly. You know, there is nothing like a personal invitation to bring in a new member. It shows that fellow ham that WE CARE about our hobby and are doing something to support the hamdom leadership that is 'up front' looking out for the interests of ham radio, whether it be at WARC, the Congress, State Legislature, Local planning Commission, or the FCC. It takes a lot of going to cover all these bases. As individuals we can't do it, but through club participation we can. This is the NUMBER ONE reason in my book why every ham should be a member of an ARRL affiliated club. Let's do our part to get as many hams in the club as possible.

Elsewhere in this issue is an extract from HR Report that tells how the wind is blowing at WARC where HAM RADIO is not entirely surrounded by friends. If we avoid being scalped at WARC and are lucky enough to come away with only minor damage to ham bands allotted frequencies it will only be due to extraordinary effort--and involving a high dollar cost--that our representatives and government personnel have been able to be persuasive. Obviously there are plenty of interests after our frequencies.

SET (Simulated Emergency Test) is TOMORROW! Oct. 13. Assembly point - Salvation Army Center- Richmond (See map). Teams to be assigned to Police and Fire HQs in the several cities.--and to the HOSPITALS and MASS CARE CENTERS. We need a LOT of teams, with mobile gear--all frequencies, but especially 2 mtrs. TIME: 9 AM. We plan to have a base station on the air from Salvation Army building. If you can't make the 9 AM hour, come as soon as you can, or check in by radio or phone and get a duty assignment. Clyde 'Brownie' Brown will coordinate team assignments. His phone is 524-8421. Call him before our Friday meeting if you can and ease his burden about assignments. Let's really show our capability in this test.

K6ZR - - - - Always 73. Steve Codge

REGULAR MEETING OCT. 12, --See the new ARF MOVIE, PREMIER SHOWING THIS AREA. EBARC IS FIRST AGAIN! RAFFLE, DOOR PRIZE. S.E.T. PLANNING. MUCH MORE. COME AND BRING A FRIEND. SALUD!



DAVE RUSSELL UPGRADES:

Congrats to Dave Russell, WD6FWI, who passed his ADVANCED FCC hurdle. Dave says he likes his present call and plans no change. Glad to see you move out into some new frequencies, Dave. Now ON to EXTRA!!

DAVE TYLER COVERS OES NET:

Meetings held on Sept. 22 and 29 at Concord drew reps from East County clubs Red Cross and County OES (Office of Emergency Services) and covered a host of subjects related to disaster preparedness and emergency communications planning and organization, including a revitalization of RACES. Dave will give a recap of this information at our October meeting. Don't miss it. A survey of Simplex frequency capability is one move planned, as repeaters may or may not be operable in some kinds of emergencies.

One 2 meter frequency discussed for use, and trial on the Oct. 13 SET is 146.41. Do you have it on your rig?

An HF frequency selected is 3980 KHz, and at present a Saturday schedule is operating on Saturday mornings at 8 AM--runs for about half an hour with latest dope on Emergency Comm. planning. Join in please.

In addition to covering these meetings, Dave has made contacts with Police and Fire Departments in our area cities and also the hospitals we should cover on SET day. (Oct 13). This effort takes time and dedication, and we thank you, Dave, for the representation.

FALL HAM RADIO CLASS SCHEDULED AT CCC:

Contra Costa College will be the site for a radio class commencing Oct. 18, and running twelve (12) weeks. There will be the usual Christmas break so the class will reconvene after New Year's and run through four Thursdays in January.

There will be no code instruction, but some ideas will be presented helpful to those practicing code elsewhere. The course will cover theory through the Tech-General exam requirements. There will also be coverage of rules and regs. Since it will start with introductory theory at novice level it will be suitable for those going for

the Novice ticket, but it will then grade up to Tech-General level. This will make a good review for those who have previously completed the Novice grade material.

Classes will be held in the Physical Sciences building up the hill (PS bldg) Room not yet designated. There is no fee for the class but a text may be required.

Instructor will be Steve Dodge, K6ZR

HAM RADIO REPORT EXTRACTS:

WARC proceedings and squabble. A deadlock on Conference Chairman selection marred the opening of WARC proceeding Monday and it took until Thursday to select a compromise chairman from Argentina. The conflict was between the non-aligned and the developed nations, with some opinion that the orchestration was developed at the recent non-aligned summit meeting in Havana.

Until a chairman was elected the conference couldn't begin to discuss, so it's now a week behind schedule. If this opening deadlock is any indication, WARC-79 could be an extremely difficult, drawn-out, frustrating exercise.

Amateur Radio's outlook from WARC isn't too promising. A.D. Little & Co. has made a study for Senate Committee on Science, Commerce, and Transportation by interviewing key reps of ITU nations and regions and studied U.S. and other nation's preparations for their reports covering 14 areas of expected major conflict--several concerning Amateur matters.

Proposed increases in Amateur allocations will probably be defeated, they said, because of low demand for new frequencies outside the U.S. and the desire to protect fixed services already on the desired slots. Canada, the US, Japan, United Kingdom, Brazil, and India plus some Western European countries will support the move, the rest of the world will not.

The US proposal to increase Amateur exclusive frequencies in 3.5 to 3.9 MHz is opposed by some Region 2 countries and most of the rest of the world.

New bands at 10, 18, 25 MHz will not appear likely, though a few countries support it, most of the world opposes it.

HR REPORT EXTRACTS cont d.

Exclusive, interference free 7.10-7.25 MHz possible but close vote expected. Opposition probable from USSR and her satellites as well as much of Western Europe and China.

The 14, 21, and 24 MHz along with VHF and UHF spectrum slots appear reasonably safe from threat. The complete A.D. Little report appears in Congressional Journal of Sept. 6, as entered by Sen Barry Goldwater, (K7UGA) who made the comment that it confirmed his fears that "the U.S. is going to have a tough time at the WARC, and our telecommunications needs may suffer as a result."

CW THREAT --International Amateur CW requirements are under a real threat as the WARC opens. (See QST Oct. editorial by W1RU) Dick Baldwin urges those amateurs who support the present CW requirement of International Regs, Article 41 to make that feeling known to our WARC rep by writing to Carlos Roberts, Chief of the FCC's Personal Radio Bureau. To assure that word getting to the USIARC delegation promptly a copy of that letter should be sent direct to the Office of International Telecommunications Policy, Dept. of State, Washington D.C. 20520. Additional copies to your Senators and Representatives in Congress wouldn't hurt, either.

OSCAR DXCC -- G3IOR has qualified for the 4th Oscar DXCC award.

REPEATER SHUTDOWN

The nation's second oldest repeater (originally WR6F, lately WR6AMD, is closing down after 18 years on the air from Mt. Wilson (SoCal). Owner K6QK is shutting down as a protest against on-going harassment by inconsiderate users and abusers--a problem which has been escalating to the detriment of many SoCal machines. Other SoCal repeaters have been down temporarily in sympathy protest.

TV "FRENCH ATLANTIC AFFAIR" now programmed for Nov. 15, 16, 18. Check your local programming guide or sources.

NEW ADDRESSING MACHINE FOR CLUB!!!!

Thanks to Ivan Sturman, WB6PIV, for his alertness in spotting a nifty little addressing machine. The job of getting out the BLOWN FUSE will be simplified in coming months.

Thanks Ivan!!

JAMMERS , ETC.

WB6LHB, whose operation as 'W6JAM' had disrupted 2-meter operation the the L.A. area for many months before he was caught last year, his license suspended as a result of his having plead guilty to charges of using abusive language over the air earlier this year. The FCC had issued an order to 'show cause' why both of his licenses should not be revoked. The next step in the proceedings will be when he appears before an FCC Administrative Law Judge to answer the 'show cause' order. The FCC notes that his guilty plea should preclude any denial of illegal activities when he appears for the FCC hearing. He was fined \$1000 and put on one year's probation at the earlier proceeding.

Other Los Angeles Jammers are also going under the gun this month. The station of one jammer raided by FCC Sept. 10, was reported to have telephone operated remote control capability, so the owner could put it on the air and engage in jamming when he wasn't home!! The FCC isn't talking about its current enforcement activities, but on the air discussion indicates that at least five other area jammers have been 'inspected' in the last or so.

FCC anti-jamming meet was held recently in Washington and went off extremely well, with positive indications that the FCC is ready to work more closely with the Amateur community in solving the problems of intentional interference

FCC DOCKET ITEMS

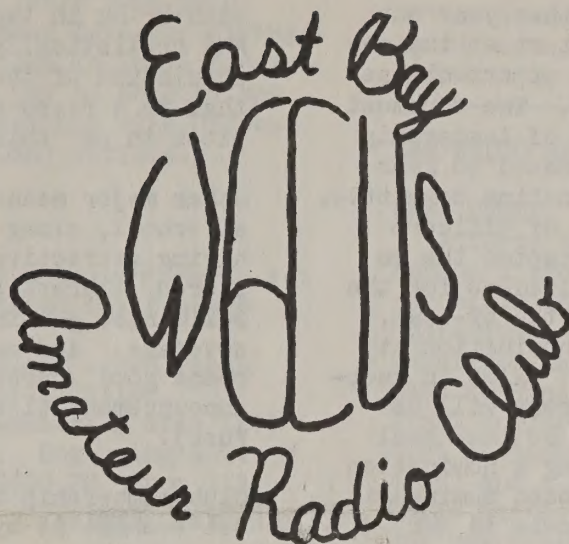
Point of Sale Control of Amateur transmitting equipment is still alive at the Commission. It's on a current agenda.

REPEATER ENDORSEMENT PROPOSAL.

Repeaters would require a special endorsement of the owner's license under a Petition in Rule Making, RM-3461, filed by the Ohio Area Repeater Council, 7025 State Route 188, Circleville, Ohio Zip 43113.

NOAA Weather Station transmissions could be retransmitted by amateurs under another Petition, RM-3457 filed by WA2DWN.

THE



FUSE

BLOWN

EAST BAY AMATEUR RADIO CLUB
c/o Steve Dodge, K6ZR
5601 Doremus Ave.
Richmond, CA 94805

NOVEMBER 1979

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PRESIDENT'S MESSAGE

As we approach the end of another year our thoughts must take an early start at the new year and the problems and the opportunities which will be before the club. The foremost in immediacy is the selection of leadership for the coming year. I am pleased to hear from the chairman of the nominating committee, Don Dunn, K6BJJ, that a slate of officers has been selected who have accepted the responsibility to serve as your leaders for the coming year. In keeping with the by-laws, this slate will be placed in nomination at the up-coming meeting, Nov. 9. Also in keeping with the by-laws, nominations will be open from the floor. It will be the usual responsibility of anyone making a nomination to have cleared with the proposed nominee in advance the nominee's willingness to serve.

Please be on hand to cast your ballot and show your support for the officers. Besides you'll want to know who they all are. The committee advises there will be some 'carry-over' officers and some new ones.

The new administration, and all of us as club members will face some challenges for the club in 1980. Foremost among them, in my opinion, will be growth in membership of the club. This need has been mentioned in the 'Blown Fuse' and at the meetings, and has been actively discussed by your Board of Directors, and some proven lines of action have been outlined. Because of the uncertainty of meeting place during the last year most of these 'planned efforts' were put on the 'back burner', but with that matter now resolved it is now vital that vigorous action be taken to recruit members. Membership is vital to club survival. The club which does not grow -- dies. Membership is vital to supporting a suitable budget. Our principal expense is publication of the 'Blown Fuse'. It is well known to anyone who has had club leadership responsibility that a good bulletin is most essential to a strong club. On your Board's approval brochures were purchased from ARRL, and card type invitations were printed and are on hand. Experience has shown that a personal, eye-ball to eye-ball invitation is the most effective and efficient way to get new members. We have the printed material on hand--all we need now is some willing hands who will call on hams in their own neighborhood and present them with a smile and a friendly personal 'invite'.

If we each bring in one new member, we would DOUBLE club membership, and if we each bring in two, then we triple it !! And realistically, considering the 'ham' population of the communities we serve that is a reasonable goal. Let's all pitch in on this and DO IT in 1980!

Other major means are: giving talks at school, along with showing a movie, having attractive posters in the radio stores, libraries, and other public buildings, getting press and TV, Radio coverage. And certainly classes have been a good source of new members. (See announcement elsewhere in this Blown Fuse).

Club membership is good value, a pleasure. Let's share it by going after new members !

It is with real regret that your president accepts the resignation of our several years' Editor, Jonathan Hymer, WB6FJC but he gave us considerable advance notice months ago. He knew that, not only would the demands of college in 1980 place a heavy demand on his time, but that in all likelihood before the year will be through he would be living in a new area. Jonathan has done an outstanding job and the club is deeply appreciative of that dedication and effort.

I have taken over the responsibility for the Blown Fuse but will need the help of a good supporting team to lend a hand. Let me know if I can count on you for a little help. —

Jonathan has agreed to continue as a Board member so long as he is in the area. Thanks, Jonathan

Steve Dodge, K6ZR
(Pres. and new Ed.)

NOVEMBER MEETING !!!!!!!!!

An interesting talk and demo by Hal Yost, K6MY will be a prominent feature. Hal has cooked up something special in the way of a linear amplifier, with some special features you'll want to hear about. To accommodate his necessary time schedule, Hal will be on the program EARLY, so don't be late.

Dave Tyler has attended several 'pre-event' planning sessions for Simulated Emergency

Tests (SET). He will give a review of the recent SET in which a number of our members participated. We can all learn some point from such a review. We thank Dave for giving so freely of his time to take in these several meetings, running all the way to Concord and Oakland to attend these meetings with Office of Emergency Services, (OES) officials.

RADIO CLASSES START

Tell your friends who have been wanting to get into Amateur Radio about these new classes.

WHERE: Contra Costa College - San Pablo
BLDG: Physical Sciences Addition
(Where the planetarium dome is!)

WHEN: Thursday nights, Beginning Nov. 8
TIME: 7:00 PM. to 10:00 PM Room 113
COST: FREE. Last enrollment-date Nov 15.

The physical sciences building is up the hill on the highest ground of the campus. There is a drive that goes around the campus, but a locked gate bars the circumnavigation. Go up Mission Bell Drive-over the summit and park in the parking lot close to the barrier gate. Walk past the barrier a short distance to the PS Bldg.

NO CODE instruction will be given. Theory and regs only. Novice material will be covered the first five nights, Tech/General material will follow immediately after the Novice material.

WELCOME NEW MEMBER

Congrats to FRED STREHLEN, newly KA6ICI, and welcome to the club, Fred. Fred had been studying for a bit since retiring from Greyhound after some 38 years-doing about everything except driving. He heard 'em say 'Leave the driving to us', so he did! Welcome aboard Fred. Others from the 'armory' class that are now ticketed are Leslie McCormack KA6ICK and son, Michael, KA6IKJ, and also Jim Gaynor, KA6ICL. Congrats on getting your tickets. Come join the club and have some fun!

TRY THIS ONE WITHOUT a PENCIL.

Two unfriendly missiles were siloed 2738 miles apart. One had a velocity of 1900 miles per hour. The slower cruise missile was fired by the aggressor first and was travelling toward the defender at a speed of 1100 miles per hour. The defender missile detection and firing system was supposed to fire the defender missile twelve minutes

after the aggressor missile take-off, but due to sluggish relay action it was seven minutes slow taking off. How far apart were the missiles one minute before they impacted each other?

HAM RADIO REPORT EXTRACTS.

WARC NEWS:

Efforts to open a 50 MHz band in Region 1 are continuing with some favorable indications. (Only limited 50 MHz operation is permitted in a very few countries in Region 1.) Other Amateur Band Working Group RECOMMENDATIONS (not final Conference adoptions) are for a slot at 3400-3410 MHz for Region 2 & 3 only, and a spot at high end of 10 GHz, (Giga Hertz), also fate of 1240-1280 is not yet determined. A slot at 24 GHz is still on the recommended list as well as in the millimeter wave length area above 40 GHz.

U.S. Amateur population dropped more than 2000 in September, mostly Novices, but also a drop in Techs, Generals and Advanced. Only Extras gained - by 79!

FCC License Modification rules.

ANY Amateur License Modification will now require filing a Form 610 or 610B. Previously a change in mailing address (only) simply required a note to FCC Gettysburg; and modification licenses will be extended to five (5) years from mod date- effective Nov. 12.

FCC Packet to aid Emergency Planning.

An information packet is now available from FCC, entitled 'Emergency Communications Plan for Support of Local Government' or the 'Tacoma Plan' which was adopted by the Amateur Radio Service Sub-Committee of the National Industry Advisory Committee (NIAC). Fifteen committee members met all day and discussed relevant topics including interfacing between Amateur emergency operations and the Emergency Broadcast Service. Copies of the packet are available from the Executive Sec'y of NIAC, Emergency Communications Division, FCC, Washington, D.C. 20554.

EARTHQUAKE AT IMPERIAL VALLEY (So. Cal.)

saw widespread use of Amateur Radio to supplement regular communications channels. Nets on 40 and 75 began handling health and welfare traffic before the dust settled, while the Mt. Laguna repeater 147.75/15 served for main local comm.

ATLAS RADIO IS OUT OF BUSINESS

Despite hopeful optimism for the company expressed by Atlas officials, reports at press time stated that the company now is seeking an orderly method of dissolution. Service for Atlas equipment is still available through Specialty Communications, 2523 Peach St., Erie, Pa. 16503.

AMATEURS SUPPORT FCC 'Get tough' POLICY.

Although a pre-trial hearing for K6EOAs case (he being charged with transmitting threats and other violations) was carried over, the hearing drew thirty three (33) amateurs to the court room to support FCC's policy to crack down on obnoxious and willful violators.

SIBERIAN WOODPECKER

This violent interference continues, and despite efforts by US and other nations to get cooperation from Russia, they have been indifferent. This has been cited in the Congressional Record by K7UGA. The interference effects not only amateurs but other radio services.

CW REMAINS INTERNATIONAL REQUIREMENT

WARC Committee 7, (Gen'L Administration) agreed to recommend to general conference that CW continue to be an international requirement, but only below 30 MHz. The U.S. had proposed that the CW be only 'recommended' but only Canada and Japan supported the U S position-15 other countries voted for it to be a requirement.

WARC Committee 5D (frequencies above 900 MHz) recommends shrinking 1215-1300 slot to 1240-1300, the trimmed portion to go to Radio Navigation Service. USSR indicated it may propose a further cut, with the observation that 'Amateurs already have enough, and are beginning to get more than the 'important services''. Ed. note: None of these matters are FINAL yet. They are simply Committee recommendations to the general conference for possible adoption.)

FCC APPROVES ASCII FOR AMATEURS.

After considerable discussion, commissioners agreed to let Amateurs use ASCII for RTTY and instructed the staff to prepare rules for its implementation. Identification of

Amateurs using operating RTTY was a key issue, and the present requirement that RTTY users must identify using CW--a sore point that's been the subject of a number of petitions for Rule Making - was the telling argument in getting the Commissioners to agree on the ASCII OK. If the staff moves fast enough in preparing regs, ASCII could be heard on the amateur bands by year's end.

ANTENNA COURT FIGHT

N6QQ's antenna fight with the city of Cerritos continues, with his attorneys attempting to transfer the case from State Appellate Court to Federal District Court, where it could receive a speedier (and perhaps more sympathetic) hearing. Another Cerritos amateur has also been cited by the city for alleged antenna violation, and is now in court. About nine (9) Southern Calif. amateurs are believed to be fighting antenna problems through the courts at this time. There is an attempt to consolidate all or most of them on the Federal level. N6QQ estimates he has already spent \$18,000 on his battle, in which ARRL has invested more than \$20,000.

A recent addition to the growing list of hams in SoCal who are in trouble over antennasis WD6FVV, the young Torrance amateur whose key role in saving the crew of a foundering fishing boat received extensive national publicity earlier this year.

HAM RADIO SAVES GROUNDED YACHT.

The 53 foot yacht 'Skana' grounded about 250 miles east of Papeete Oct.1. WA6CUP was monitoring the Maritime Service Net on 14313 when KA6HBQ broke in to say the yacht he was on, (the Skana) had run aground on Aratika Reef in the Tuamotu Group and appeared badly damaged. WA6CUP and neighbor W6TIO got San Francisco Coast Guard on the phone and was able to patch KA6HBQ thru to the Coast Guard.

The C.G. contacted the US Pacific Fleet H. Qtrs. and the advised the French Navy of the mishap. A French Naval vessel was able to reach the yacht the next day, and with the help of natives was able to pull the yacht off the reef and make emergency repairs sufficient for the craft to proceed to a nearby port for repairs. The incident drew much media coverage and kudos for amateur radio.